



Course Description

MEA0231 | Anatomy and Physiology and Medical Terminology | 2.30 credits

This course is designed to introduce the student to basic anatomy and physiology and to develop the ability to communicate verbally and in writing within the medical field.

Course Competencies:

Competency 1: The student will use medical terminology appropriate for a physician's office or clinic by:

1. Identifying medical terms and labeling the word parts
2. Defining medical terms and abbreviations related to all body systems
3. Using terminology appropriate for medical specialties

Competency 2: The student will demonstrate an understanding of anatomy and physiology in both illness and wellness states by:

1. Defining the terms Anatomy and Physiology
2. Defining the principle directional terms, planes, quadrants, and cavities used in describing the body and the association of body parts to one another
3. Defining the levels of organization of the body inclusive of, but not limited to, cells, organs, and body systems

Competency 3: The student will demonstrate knowledge of body function by:

1. Describing the function of the 11 major organ systems of the body- integumentary, skeletal, muscular, nervous, endocrine, circulatory, lymphatic, respiratory, digestive, urinary, and reproductive
2. Describing symptoms and common disease pathology related to each body system and the relationship of the disease process to other body systems
3. Comparing the structure and function of the body across the lifespan

Learning Outcomes:

- Communicate effectively using listening, speaking, reading, and writing skills
- Solve problems using critical and creative thinking and scientific reasoning
- Formulate strategies to locate, evaluate, and apply information
- Demonstrate knowledge of diverse cultures, including global and historical perspectives
- Use computer and emerging technologies effectively